

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California

ADDRESS Attn: John Zager

P.O. Box 196247

Anchorage, AK 99519-6247

FACILITY Trading Bay Production Facility

LOCATION Cook Inlet, Alaska

(2-16)

AKG-31-5002

PERMIT NUMBER

(17-19)

015

DISCHARGE NUMBER

MONITORING PERIOD

YEAR MO DAY

08 10 01

TO


YEAR MO DAY

08 10 31

(20-21) (22-23) (24-25)

(26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS			
015 Produced Water Flow Rate*	SAMPLE MEASUREMENT	4.270583	4.622982	MGD						Weekly	Estimate
	PERMIT REQUIREMENT	Report	Report	MGD						Weekly	Estimate
015 Produced Water Produced Sand	SAMPLE MEASUREMENT						No Discharge				
	PERMIT REQUIREMENT						No Discharge				
015 Produced Water pH**	SAMPLE MEASUREMENT				7.0		7.2	su		Weekly	Grab
	PERMIT REQUIREMENT				6		9	su		Weekly	Grab
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT					17	18	mg/l		Weekly	Grab Average
	PERMIT REQUIREMENT					29	42	mg/l		Weekly	Grab Average
015 Produced Water Copper	SAMPLE MEASUREMENT					3	3	ug/l		Monthly	Grab
	PERMIT REQUIREMENT					47	147	ug/l		Monthly	Grab
015 Produced Water Manganese	SAMPLE MEASUREMENT					2	2	mg/l		Monthly	Grab
	PERMIT REQUIREMENT					25	50	mg/l		Monthly	Grab
015 Produced Water Mercury	SAMPLE MEASUREMENT					0.2	0.2	ug/l		Monthly	Grab
	PERMIT REQUIREMENT					0.5	1.0	ug/l		Monthly	Grab
015 Produced Water Silver	SAMPLE MEASUREMENT					1	1	ug/l		Monthly	Grab
	PERMIT REQUIREMENT					23	47	ug/l		Monthly	Grab
015 Produced Water Zinc	SAMPLE MEASUREMENT					0.01	0.01	mg/l		Monthly	Grab
	PERMIT REQUIREMENT					0.9	1.9	mg/l		Monthly	Grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				 Dale A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
(907) 276-7600								08	11	20	
AREA CODE NUMBER								YEAR	MO	DA	
TYPED OR PRINTED											

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

See Trading Bay Production Facility Page 3 of 3 for comments.

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AKG-31-5002		015	
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	10	01		08	10	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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PARAMETER (32-37)		(3 Card Only) (46-53)			(4 Card Only) (38-45)				(4 Card Only) (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS							
015 Produced Water TAH	SAMPLE MEASUREMENT					8	8	mg/L					Monthly	Grab	
	PERMIT REQUIREMENT					18	27	mg/L					Monthly	Grab	
015 Produced Water TAqH	SAMPLE MEASUREMENT					8	8	mg/l					Monthly	Grab	
	PERMIT REQUIREMENT					Report	Report	mg/l					Monthly	Grab	
015 Produced Water Total Ammonia	SAMPLE MEASUREMENT					0.455	0.455	mg/l					Quarterly	Grab	
	PERMIT REQUIREMENT					Report	Report	mg/l					Quarterly	Grab	
015 Produced Water Whole Effluent Toxicity Mytilus sp.*	SAMPLE MEASUREMENT					No Sample	No Sample	TUC					Quarterly	Grab	
	PERMIT REQUIREMENT					283	568	TUC					Quarterly	Grab	
015 Produced Water Whole Effluent Toxicity Dendroaster excentricus	SAMPLE MEASUREMENT					No Sample	No Sample	TUC					Annually	Grab	
	PERMIT REQUIREMENT					283	568	TUC					Annually	Grab	
015 Produced Water Whole Effluent Toxicity Meridia beryllina	SAMPLE MEASUREMENT					No Sample	No Sample	TUC					Annually	Grab	
	PERMIT REQUIREMENT					283	568	TUC					Annually	Grab	
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John Zager General Manager Mid Continent/Alaska Business Unit											(907) 276-7600		08	11	20
TYPED OR PRINTED											SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)															

*Identified as the most sensitive species.

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COMMENTS PAGE 3 OF 3

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
Estimated workover fluid flow rate: 0.019320 MGD
Estimated well treatment fluid flow rate: 0.039201 MGD

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

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John Zager General Manager Mid Continent/Alaska Business Unit TYPED OR PRINTED			(907) 276-7600	08	11	20	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)			AREA CODE	NUMBER	YEAR	MO	DA